Milliman **Mind**
The best of all modeling worlds.

Flexible and easy to use, web-based Milliman Mind converts Excel spreadsheets into powerful models with all the features and auditability of more expensive "black box" systems.

Here's how it works

Milliman Mind takes the best of all actuarial modeling solutions and integrates them into a seamless solution:

The accessibility and agility of Microsoft Excel

Step 1:
Design the model in Excel

- Known language
- Agile solution
- Milliman Mind for Excel extension

The robust computing power of C#
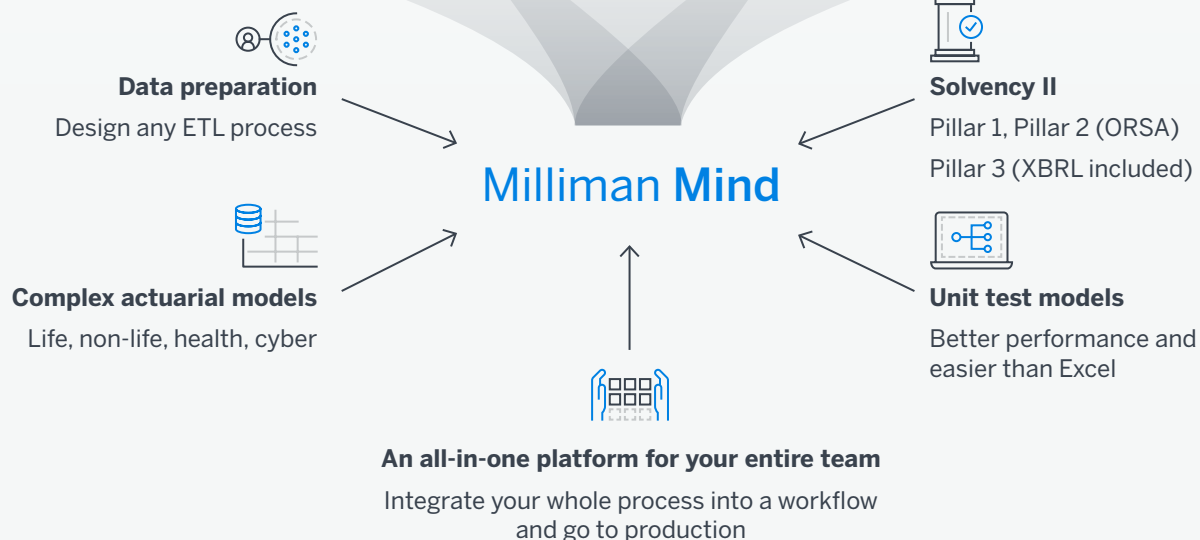
Step 2:
Automatically convert into C#

- Simple drag & drop
- Powerful
- Result check
- Multithreading

The complete audit trail and workflow of a specialized SaaS

Step 3:
Set up the workflow and go into production

- Audit trail
- Workflows
- Sign offs

Data preparation
Design any ETL process

Complex actuarial models
Life, non-life, health, cyber

Milliman **Mind**

Solvency II
Pillar 1, Pillar 2 (ORSA)
Pillar 3 (XBRL included)

Unit test models
Better performance and easier than Excel

An all-in-one platform for your entire team
Integrate your whole process into a workflow and go to production

milliman.com/millimanmind

Benefits

Streamlined deployment

As a web- and cloud-based application, Milliman Mind requires no installation on local servers or workstations. We handle the updates — you choose when they are applied.

Shorter time to production

Milliman Mind reduces time and effort required to run your models at scale — no need to rework your architecture or platform.

Easy modification

Seamlessly convert models from Excel to Milliman Mind — and back again — with no functional degradation.

Cloud-scale power

Powered by Microsoft Azure, Milliman Mind delivers high security, nearly limitless scalability, high performance, and easy maintenance and administration. There's no need to buy or maintain costly on-premises hardware.

Governance and control

Restrict model access with customisable rights management based on easy-to-configure roles.

End-to-end auditing

Track every change to your models, including when and by whom they were made, as well as who validated and signed a given project.

Technical advantages

Efficient computing

Milliman Mind reduces coding time required, runtime, RAM consumption, and even energy consumption, using up to 20 times less energy than Python models, for example.

Powerful API

A public API enables you to fully integrate Milliman Mind with your existing tools. Ingest data, launch complex calculations, and export results directly from your servers or mainframe.

Optimized calculations

A powerful, multi-threaded, AI-based calculation engine optimises memory consumption for faster results and lower costs.

Insurance ERM Awards

Actuarial modelling solution of the Year: 2023

End-user Computing Risk Management Solution of the Year: 2020

Stress Scenarios Software of the Year: 2018/2019, 2021

The independent judging panel praised Milliman Mind for capturing key enterprise risk management challenges.

To learn more about how Milliman Mind can help your business,

Contact: **europeansoftware@milliman.com**

Visit: **www.milliman.com/millimanmind**